

Title (en)  
SYSTEMS AND METHODS FOR LOCAL MODULATION OF WNT SIGNALING

Title (de)  
SYSTEME UND VERFAHREN ZUR LOKALEN MODULATION DER WNT-SIGNALISIERUNG

Title (fr)  
SYSTÈMES ET MÉTHODES POUR LA MODULATION LOCALE DE LA VOIE DE SIGNALISATION WNT

Publication  
**EP 3787645 A1 20210310 (EN)**

Application  
**EP 19796846 A 20190501**

Priority  
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• US 2019030233 W 20190501

Abstract (en)  
[origin: WO2019213285A1] A system is provided including a promoter of Wnt signaling and an autologous body material (ABM) or its functional equivalent. The promoter of Wnt signaling can be an agent that inhibits the activity or bioavailability of DKK1 protein, e.g., an anti-DKK1 antibody (DKAB). The promoter of Wnt signaling can also be an agent that initiates, promotes, or potentiates Wnt signaling by means other than inhibition of DKK1. The ABM in some embodiments are prepared to remove DKK1 or an antagonist of Wnt signaling. A process of locally administering the system is also provided to enhance the intended or ancillary effects of the ABM. The system is useful in promoting the growth of new bone or the augmentation, reconstitution, regeneration, fusion, fixation, repair, or healing of damaged, injured or otherwise deficient bone in therapeutically or esthetically desirable locations, or for promoting hair growth or wound healing.

IPC 8 full level  
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CPC (source: EP US)  
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DOCDB simple family (publication)  
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